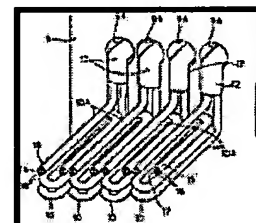
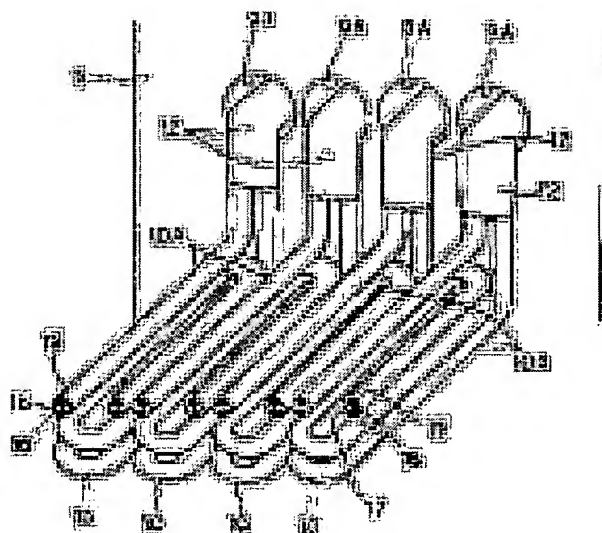


**DELPHION****RESEARCH****PRODUCTS****INSIDE DELPHION**[Log Out](#) [Work Files](#) [Saved Searches](#)[My Account](#)Search: [Quick/Number](#) [Boolean](#) [Advanced](#) [Der](#)**Derwent Record**[En](#)View: [Expand Details](#) Go to: [Delphion Integrated View](#)Tools: [Add to Work File](#) [Create new Work File](#)**Derwent Title:** Electric fryer for cooking applications, has electric heater whose circumference is insulated and held to the oil bath**Original Title:** ☒ JP2002125864A2: ELECTRIC FIELD FRYER**Assignee:** LF LAB KK Non-standard company  
SAMI KK Non-standard company**Inventor:** None**Accession/** 2002-475401 / 200251**Update:****IPC Code:** A47J 37/12 ;**Derwent Classes:** P28;**Derwent Abstract:** (JP2002125864A2) **Novelty** - The electric field is formed in the oil bath of the fryer, when voltage is impressed to the electric fryer. The circumference of an electric heater (10) which heats oil in the oil bath, is insulated and held to the oil bath.  
**Use** - For cooking applications e.g. for cooking fried food.  
**Advantage** - Wide cooking space is ensured in oil bath of fryer and electric field in oil bath is formed reliably by simple mechanism.**Images:****Description of Drawing(s)** - The figure shows a perspective view of the heater immersed to oil bath of fryer.  
Electric heater 10 [Dwg.6/8](#)**Family:**

PDF	Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<input checked="" type="checkbox"/>	JP2002125864A2	* 2002-05-08	200251	6	English	A47J 37/12
Local appls.:						

**Best Available Copy**

Priority Number:

Application Number	Filed	Original Title
JP2000000321441	2000-10-20	ELECTRIC FIELD FRYER

Title Terms:

ELECTRIC FRY COOK APPLY ELECTRIC HEATER CIRCUMFERENCE  
INSULATE HELD OIL BATH

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(71) Applicant: SAMY:KK

LF LABORATORY KK

(72) Inventor: SUGIMOTO TAKIO

ITO AKINORI

## (54) ELECTRIC FIELD FRYER

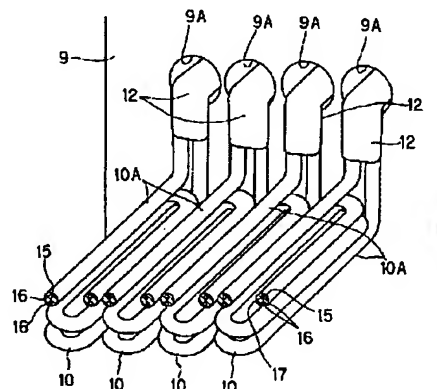
and insulates the covering member 15 from Nichrome wires.

### (57) Abstract:

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**PROBLEM TO BE SOLVED:** To provide a fryer capable of surely forming an electric field in an oil tank with a simple mechanism.

**SOLUTION:** In an electric field fryer which cooks food materials by forming the electric field in the oil tank of the fryer, an electric heater 10 which heats an oil in the oil tank by applying a voltage is kept in the oil tank insulated from the periphery of heater. A wire 10A composing the heater 10 comprises a covering member 15 which is a skin part thereof and functions as an electrode for forming the electric field, two Nichrome wires 16, 16 arranged at the center of a transverse section as the electrically heating wires, and an insulation member 17 which is packed inside the covering member 15



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